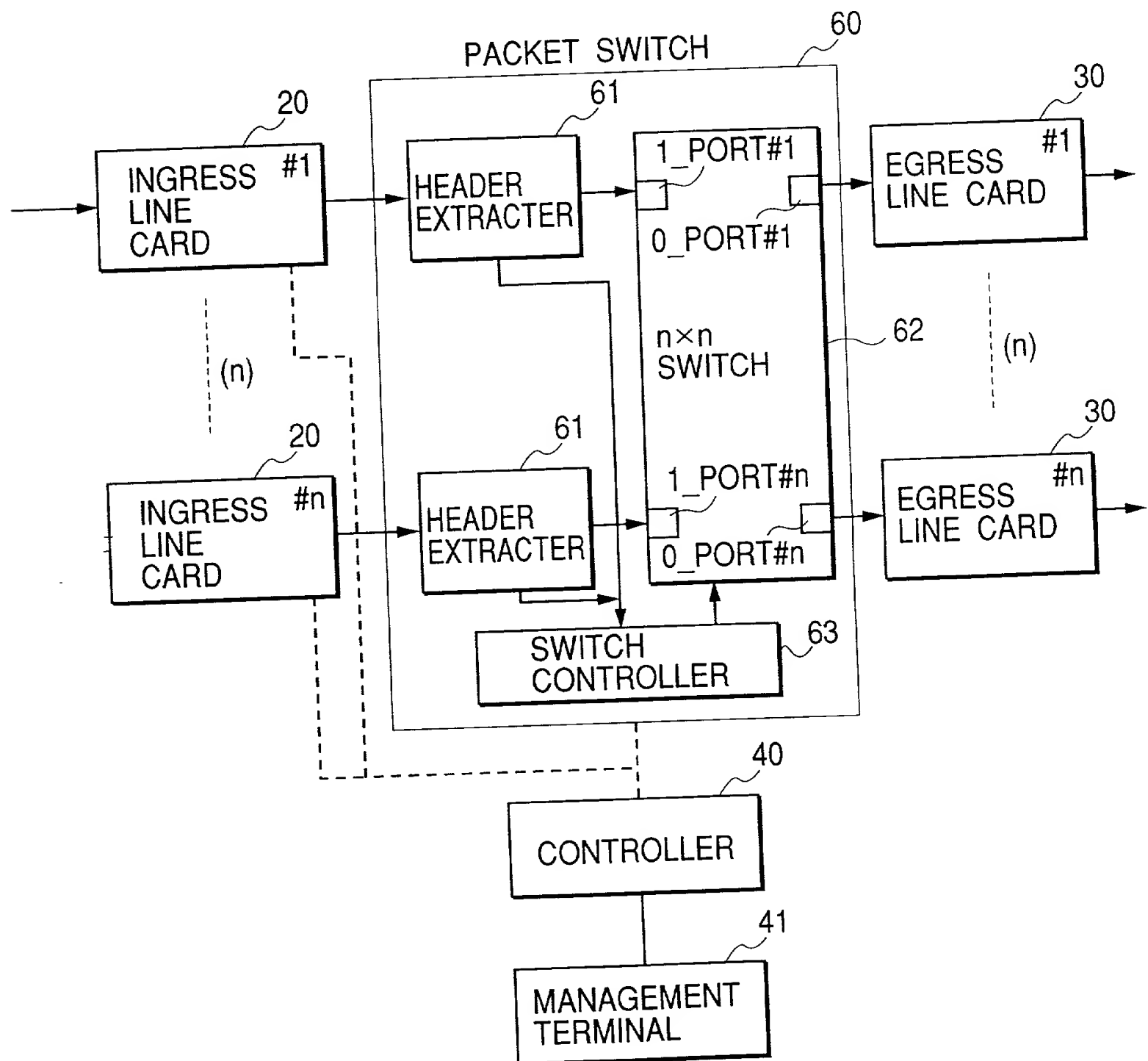
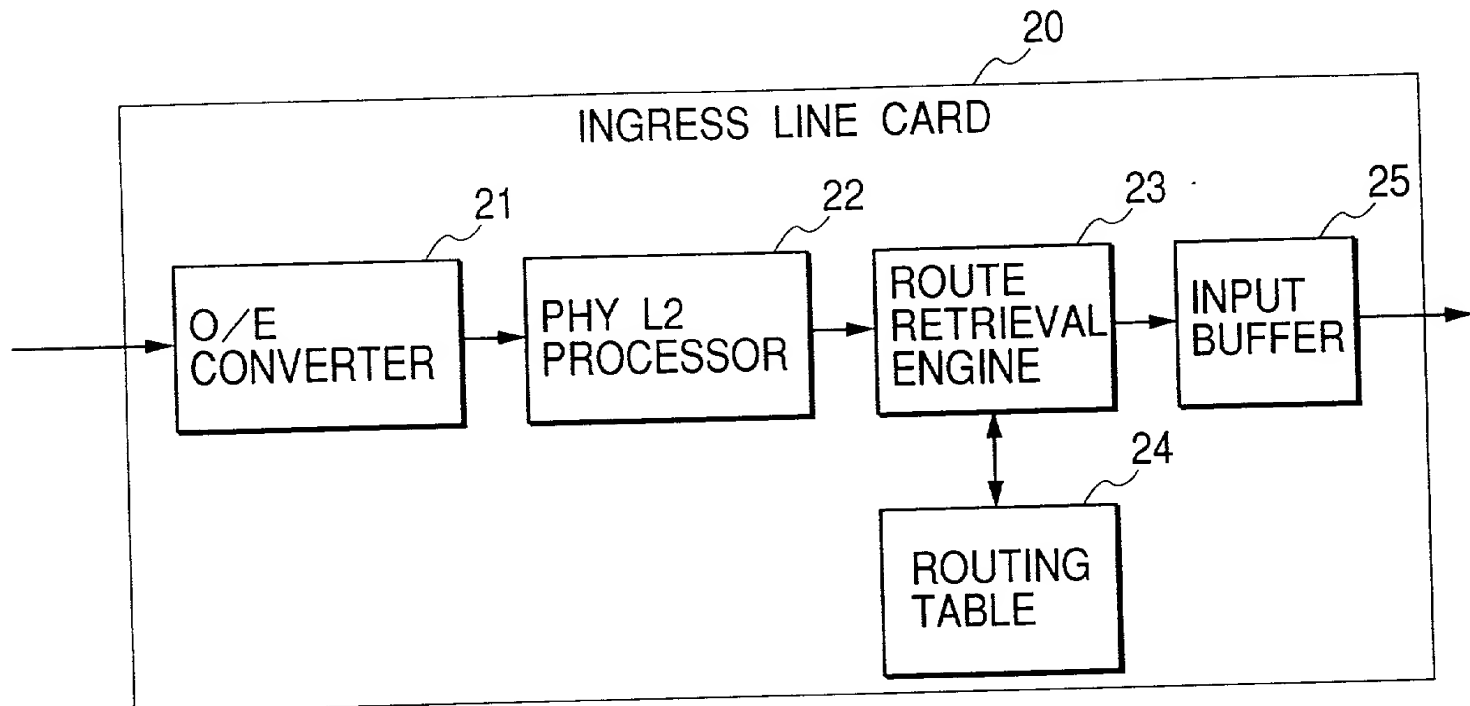
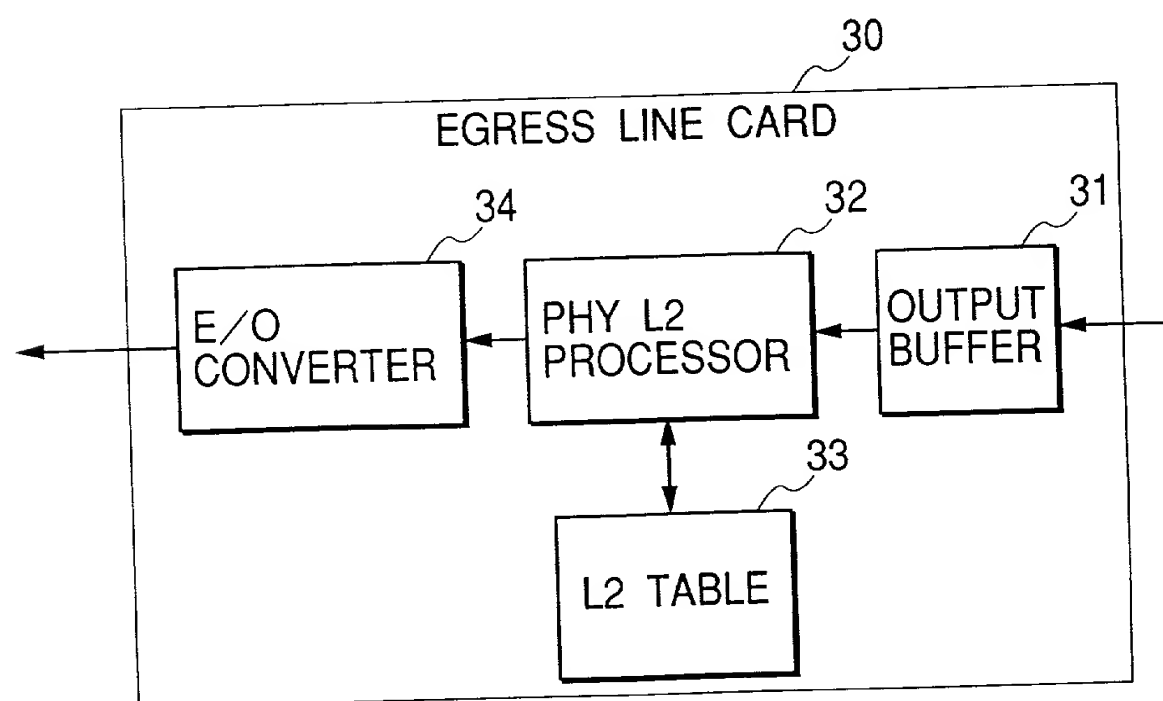


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FIG. 1

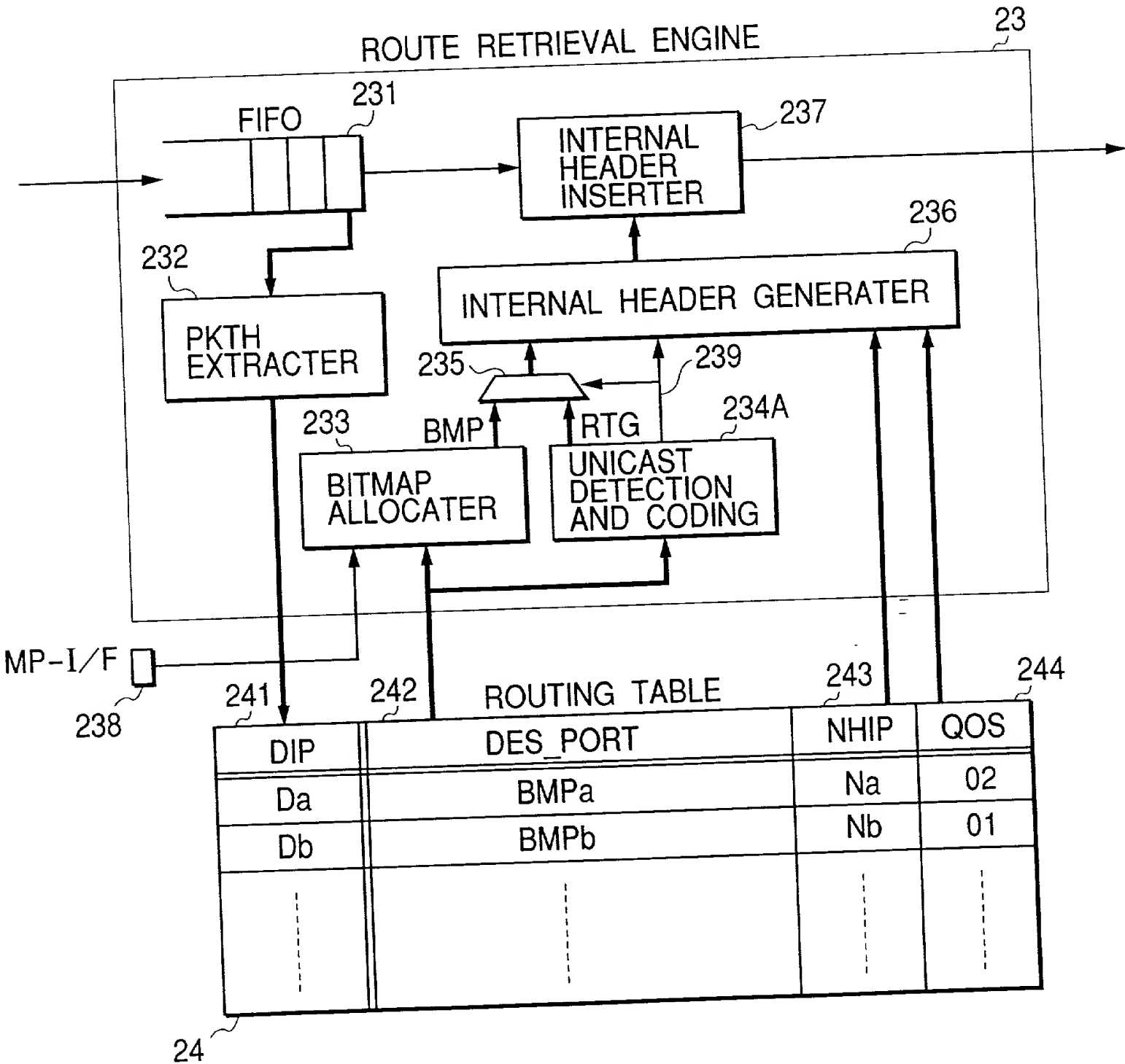


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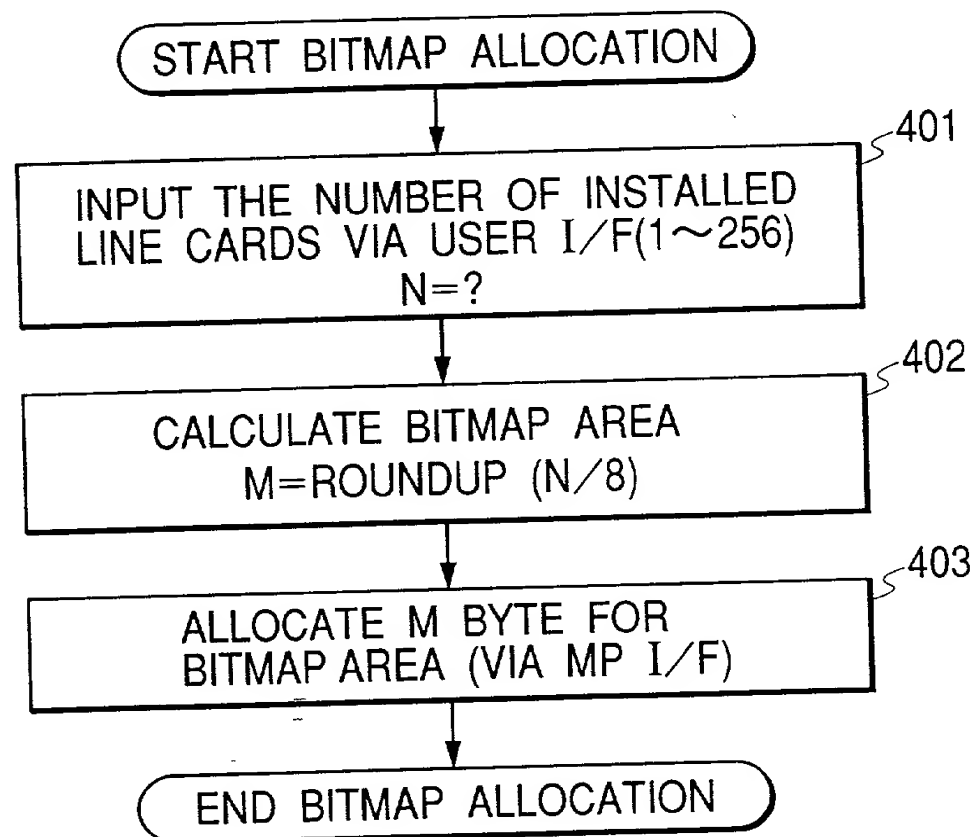
FIG. 2**FIG. 3**

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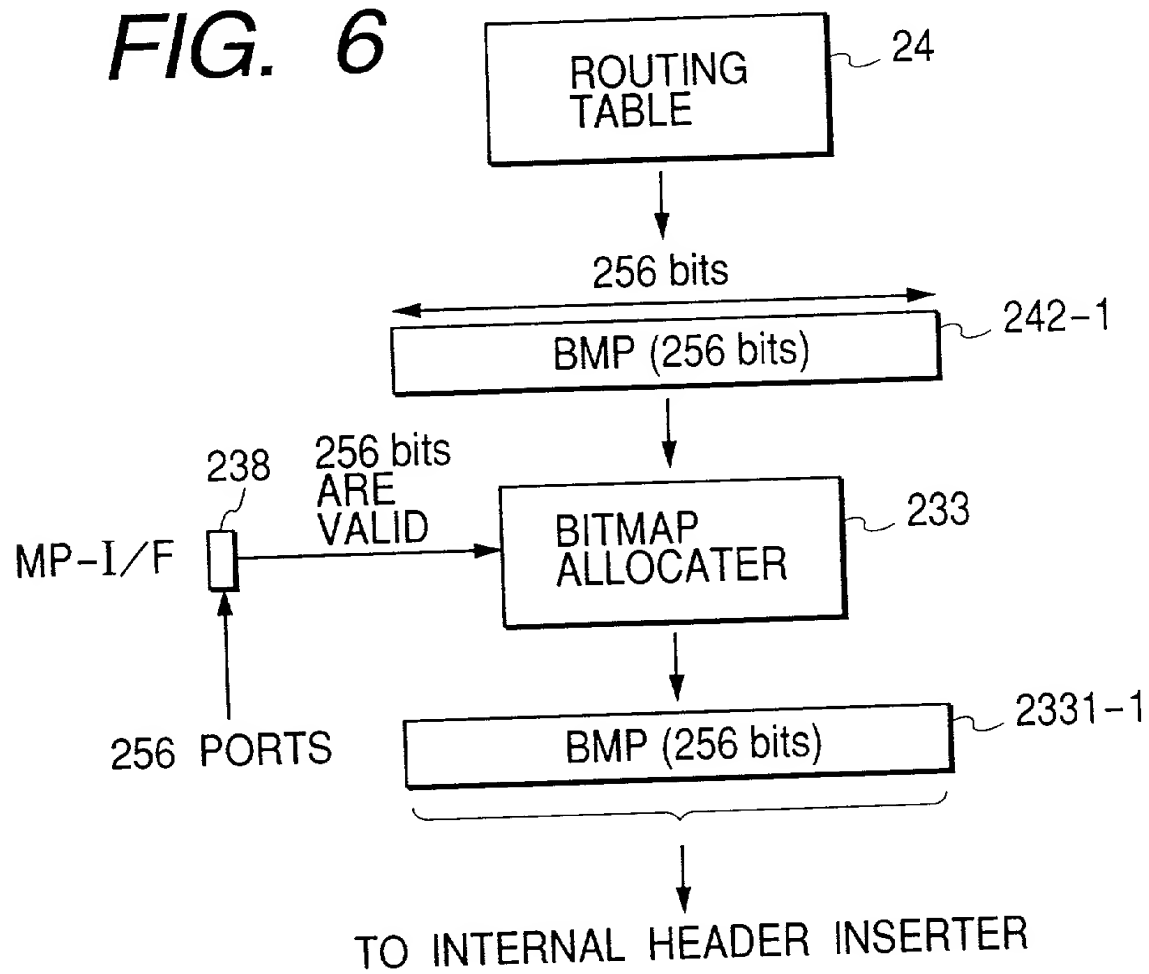
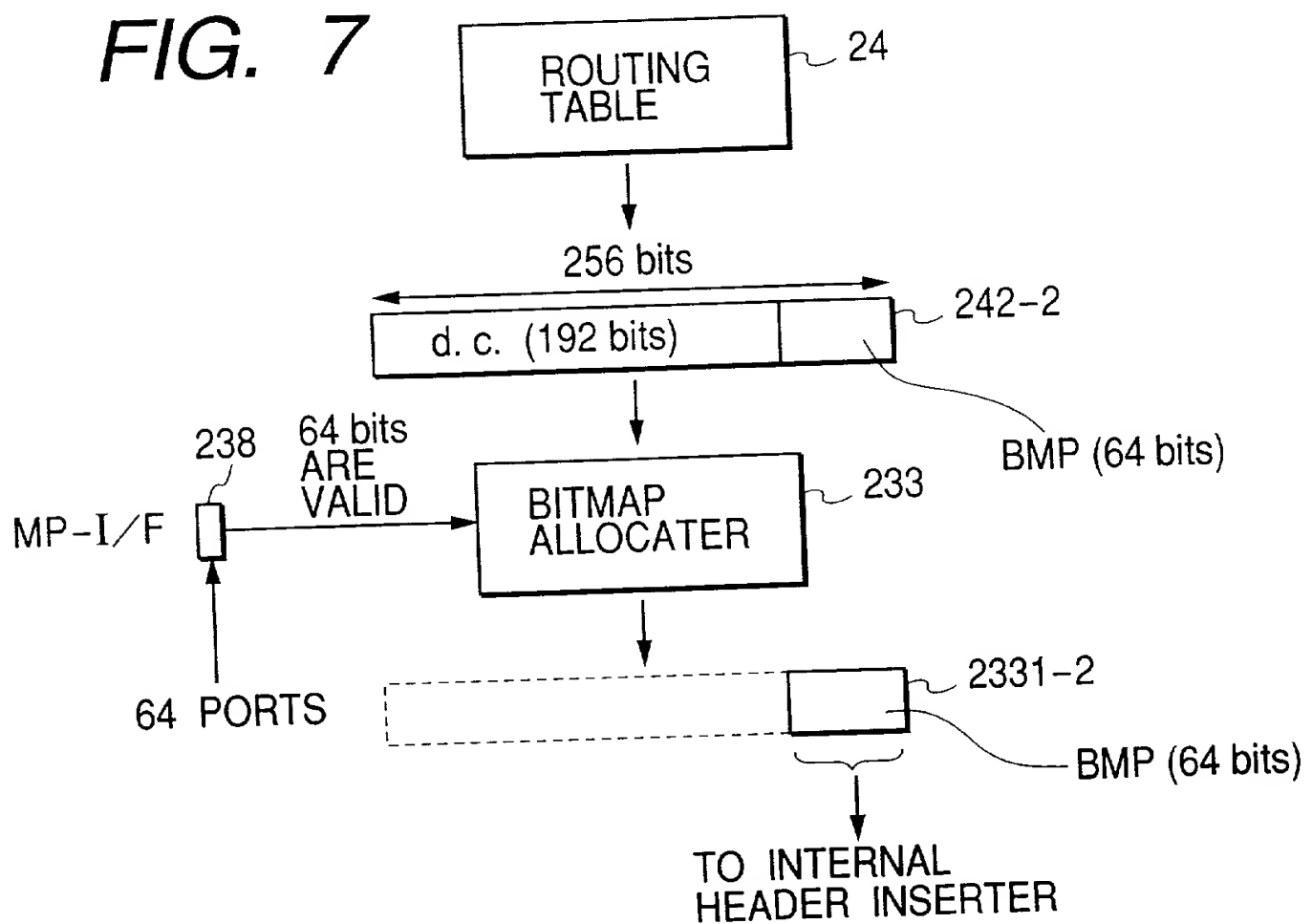
FIG. 4



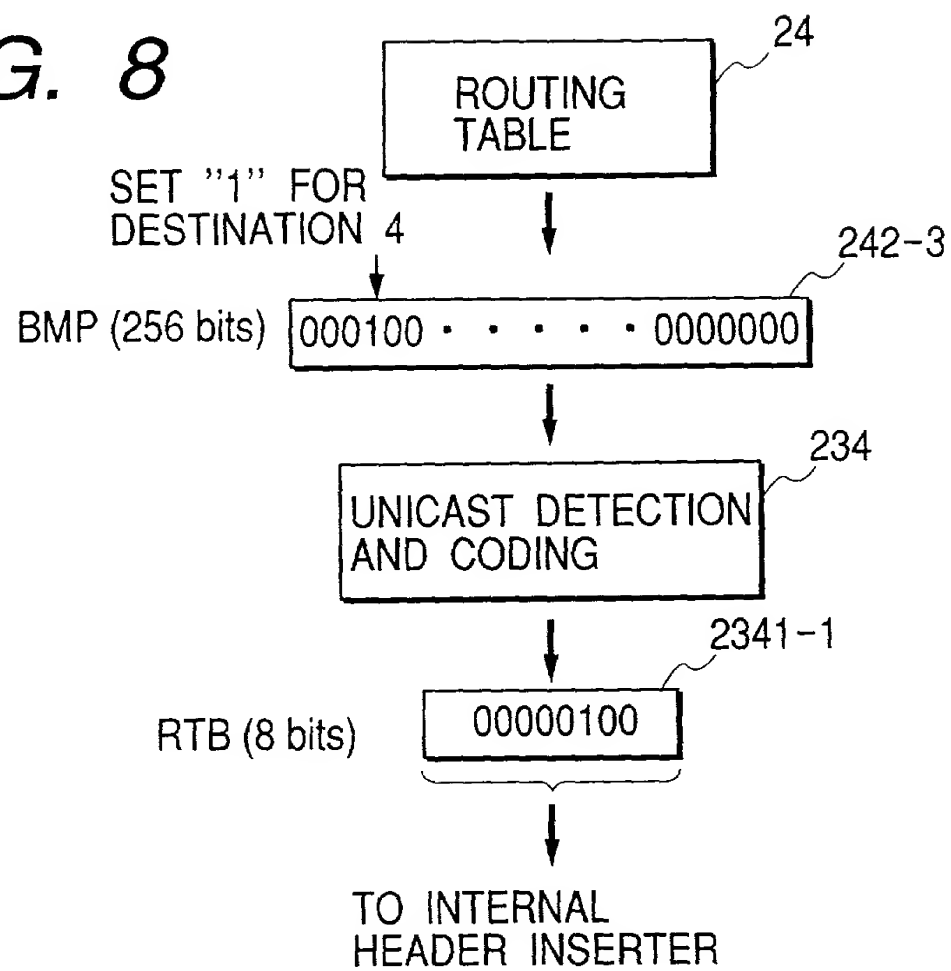
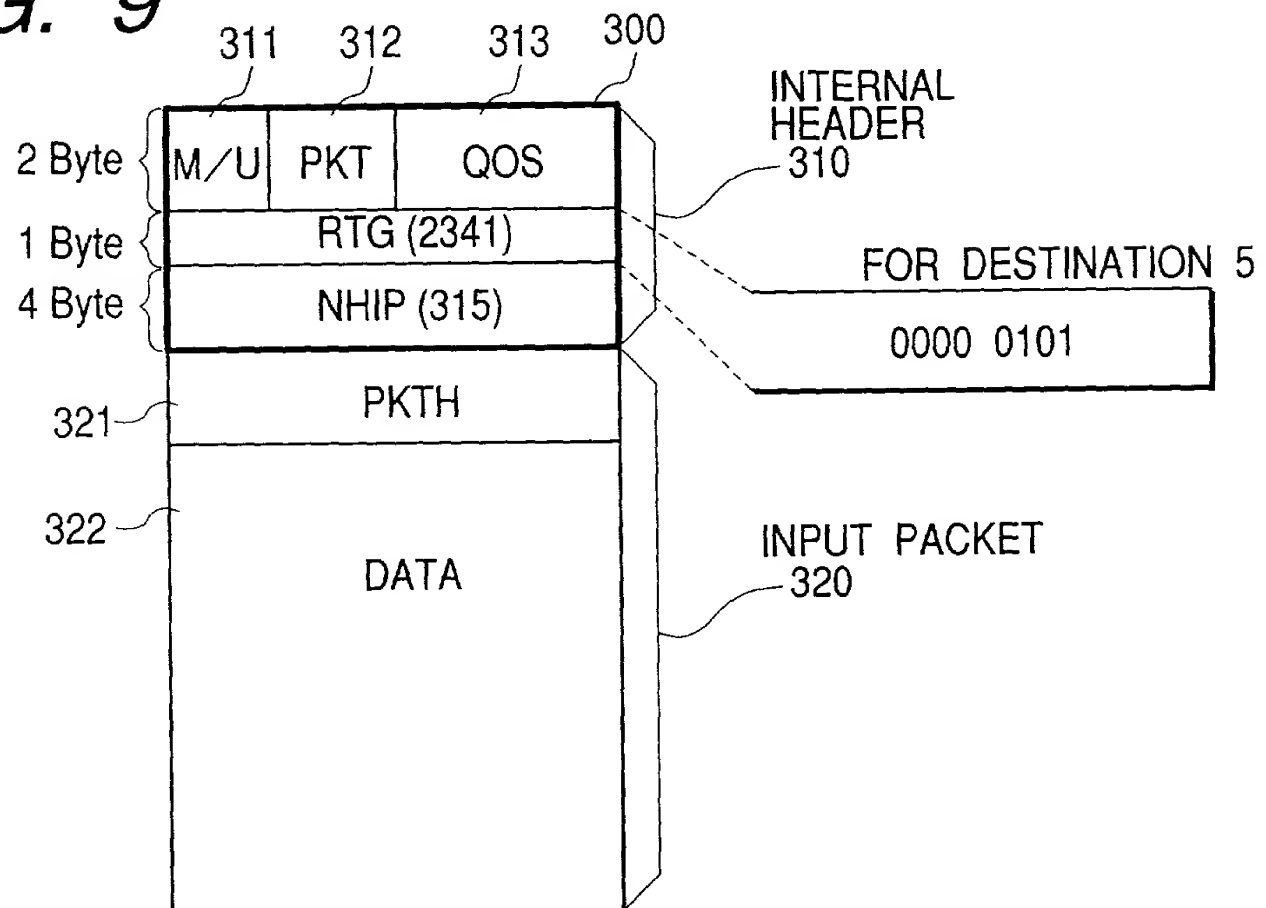
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FIG. 5

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FIG. 6**FIG. 7**

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FIG. 8**FIG. 9**

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FIG. 10

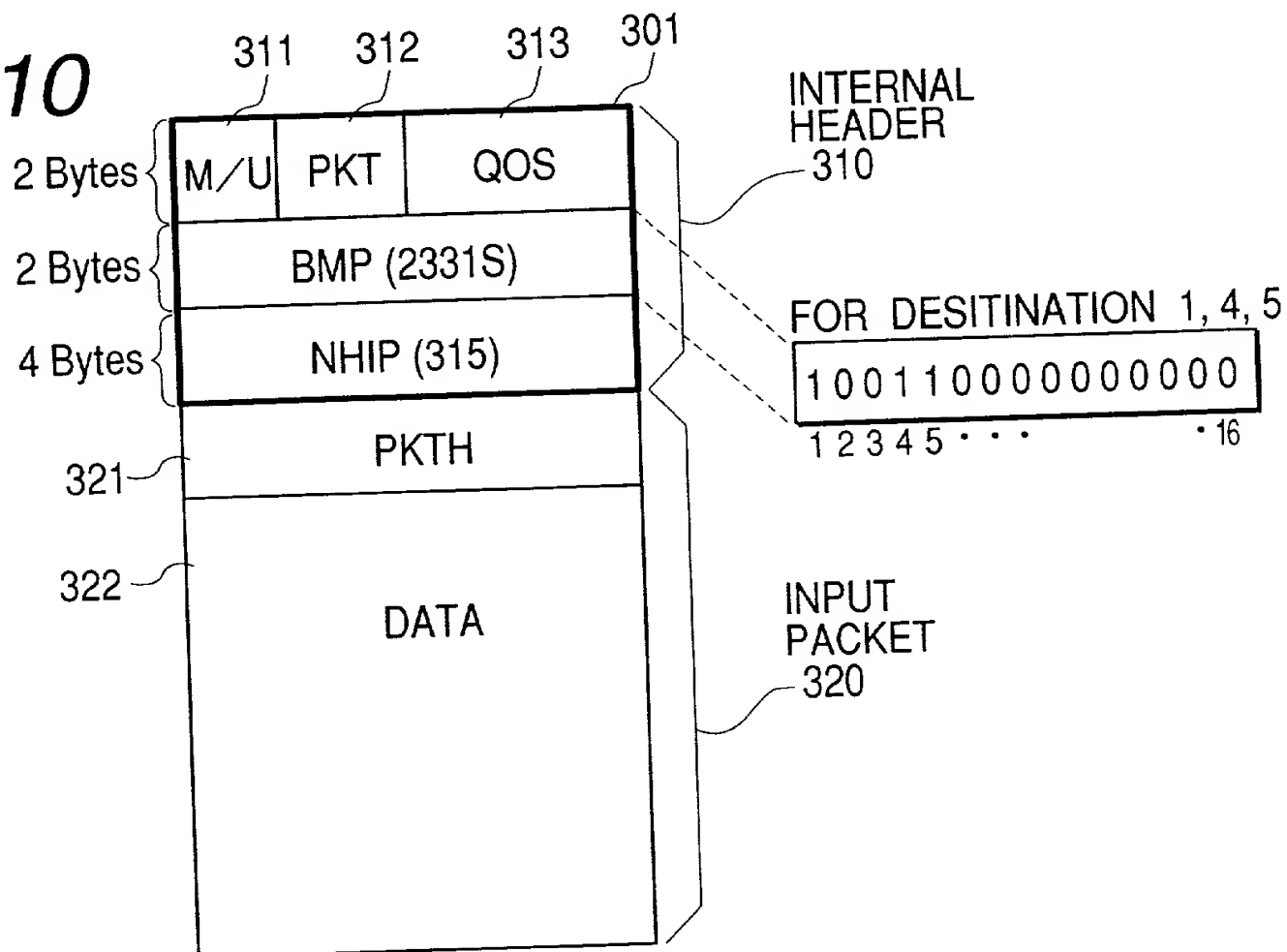
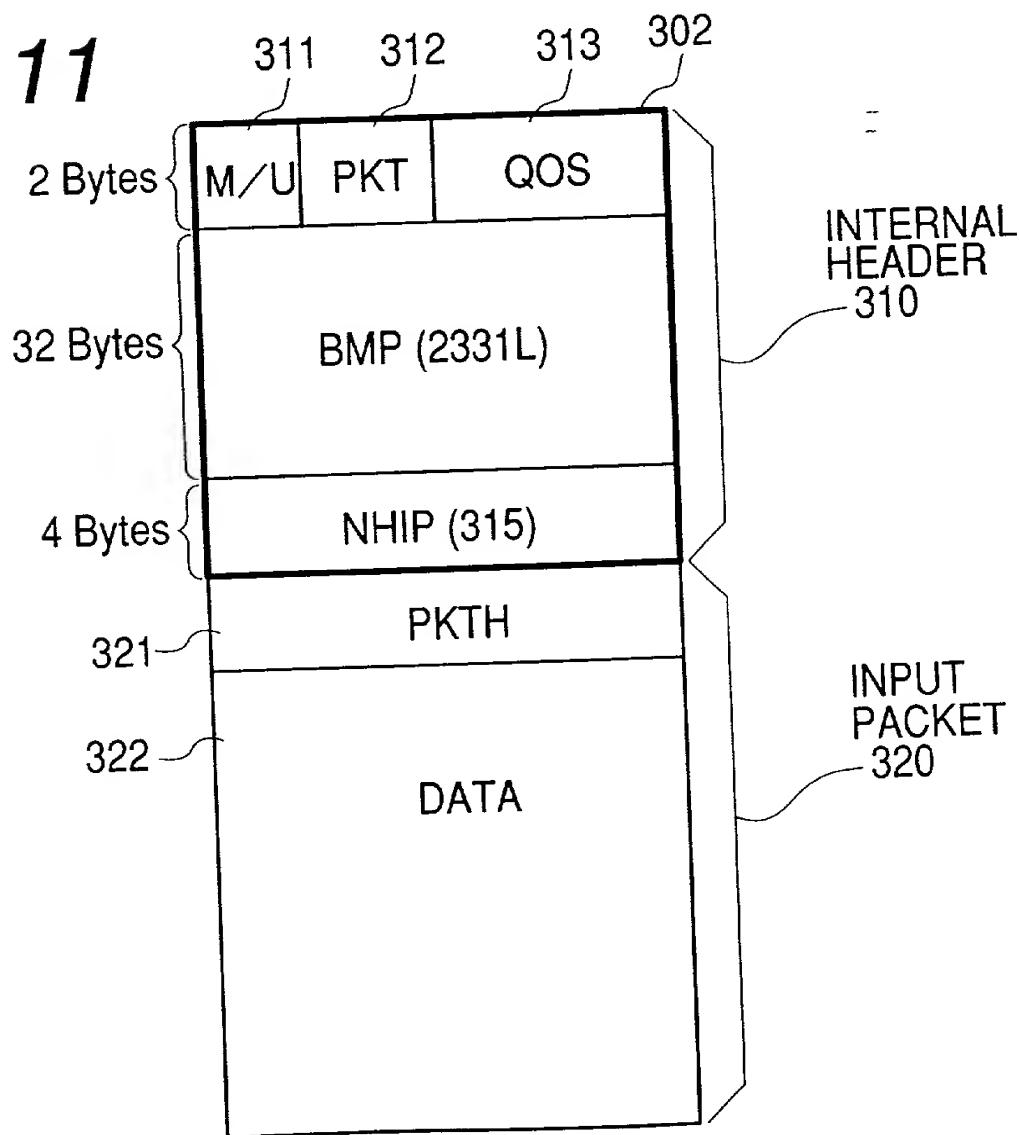








FIG. 11





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FIG. 12

EFFECT OF INTERNAL HEADER REDUCTION

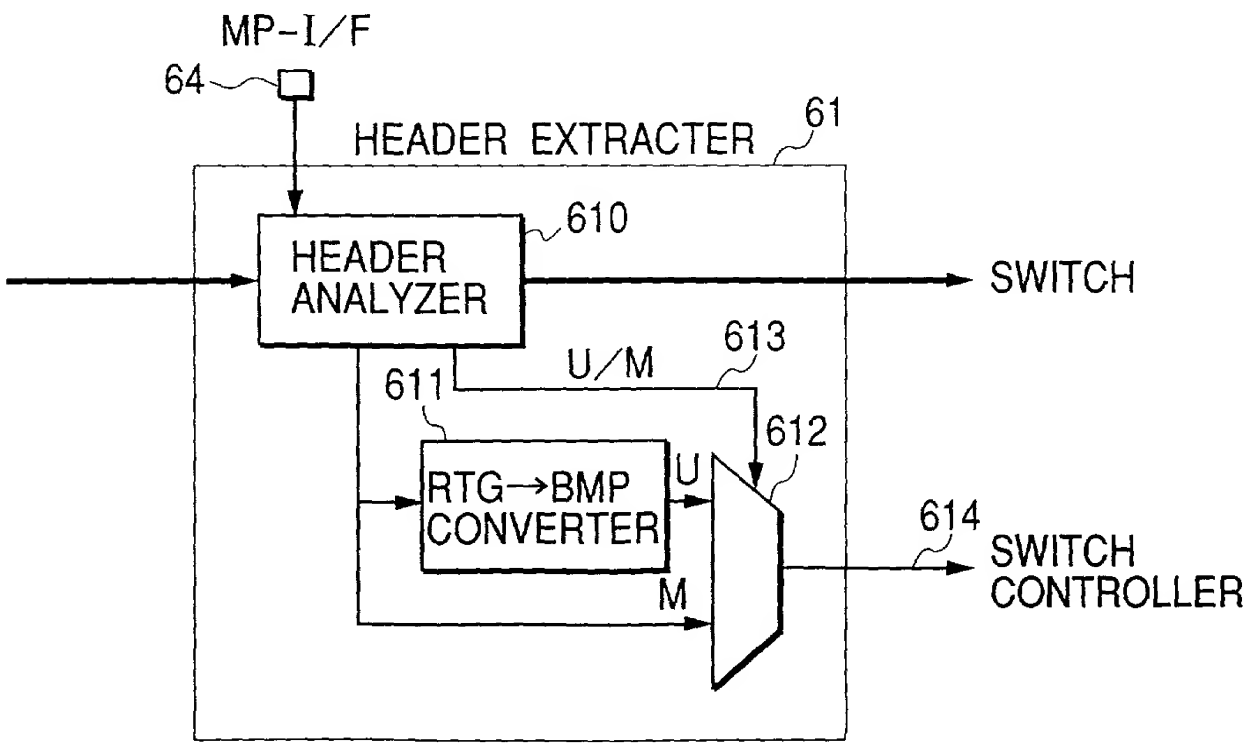
PORT NUMBERS I/F	INTERNAL PACKET LENGTH FOR 64 BYTE INPUT PACKET			
	PRIOR ART (U/M)		PRESENT INVENTION (U)	PRESENT INVENTION (M)
16	102 Bytes (1.59)		71 Bytes (1.11)	
64	102 Bytes (1.59)		71 Bytes (1.11)	
256	102 Bytes (1.59)		71 Bytes (1.11)	

 : INPUT PACKET

 : INTERNAL HEADER

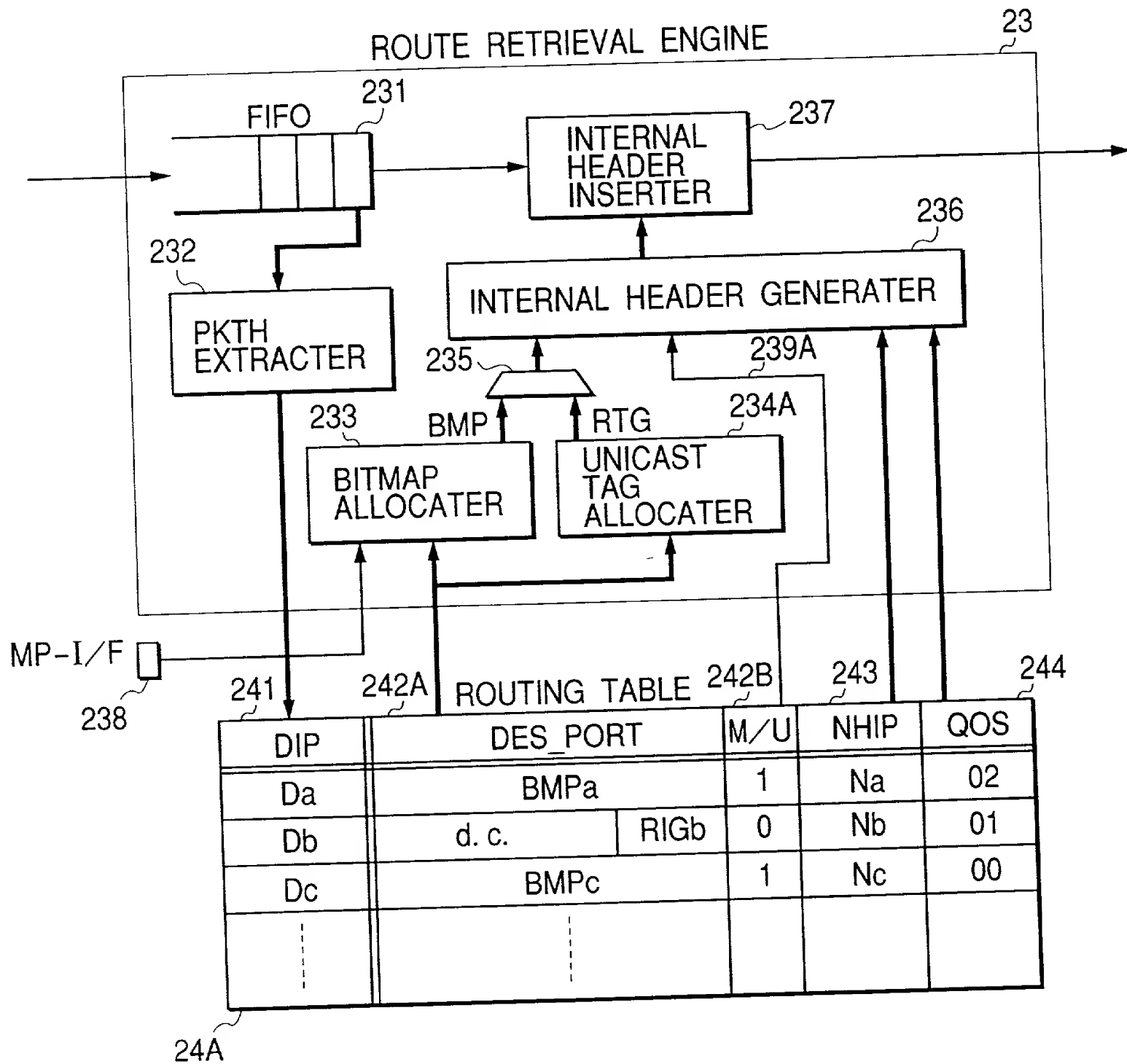
U : UNICAST
M : MULTICAST

FIG. 13



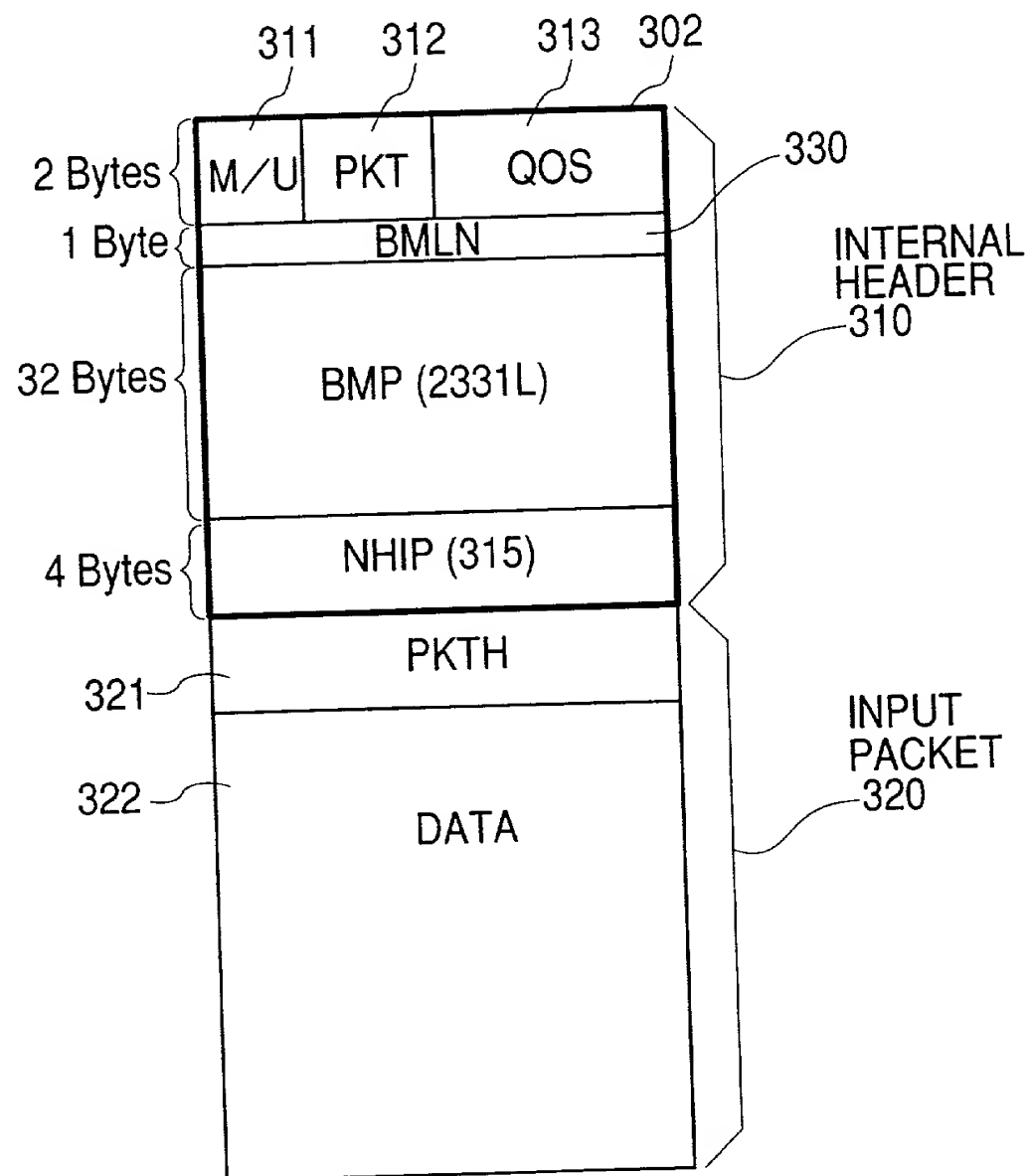
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FIG. 14

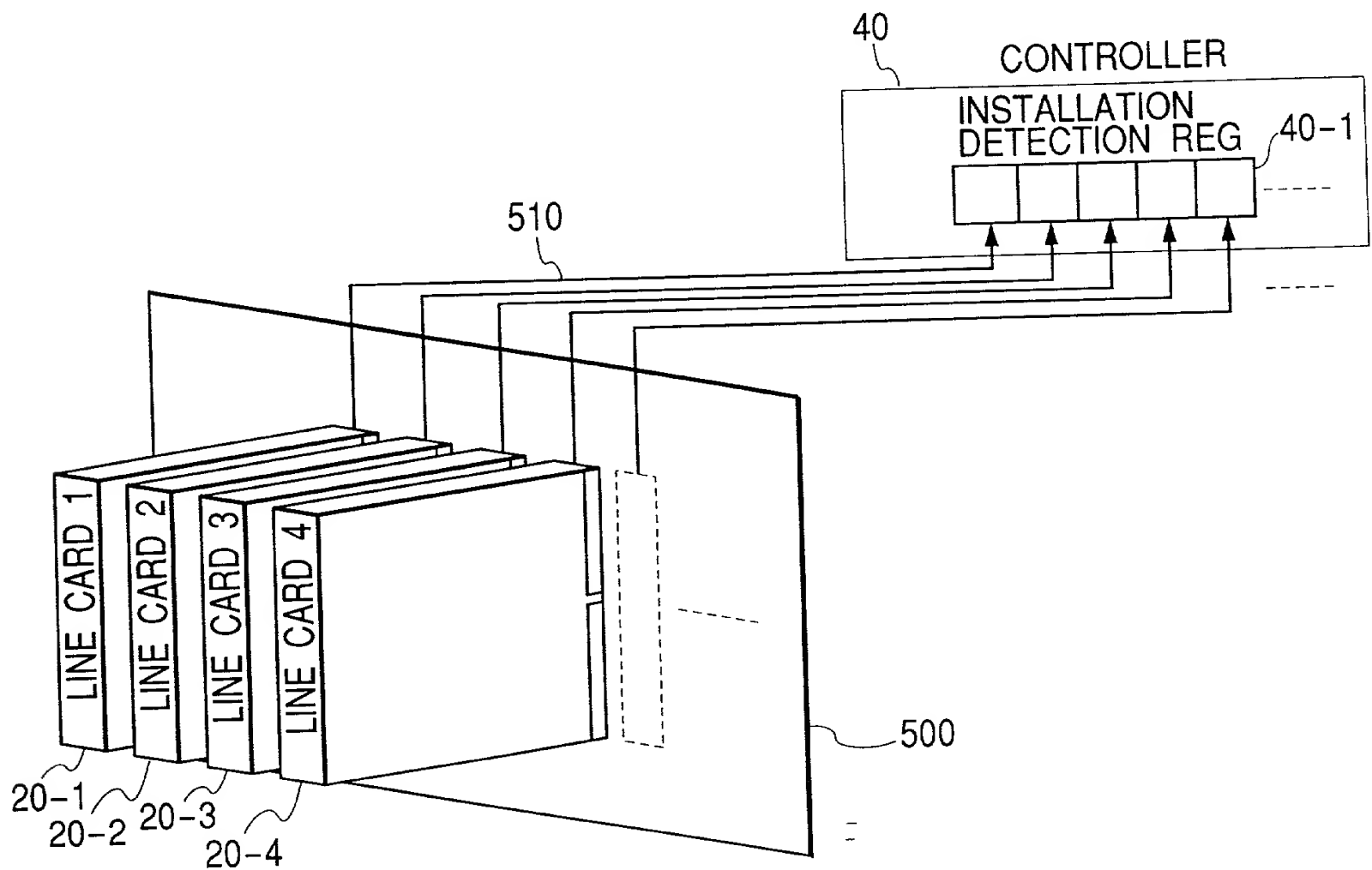
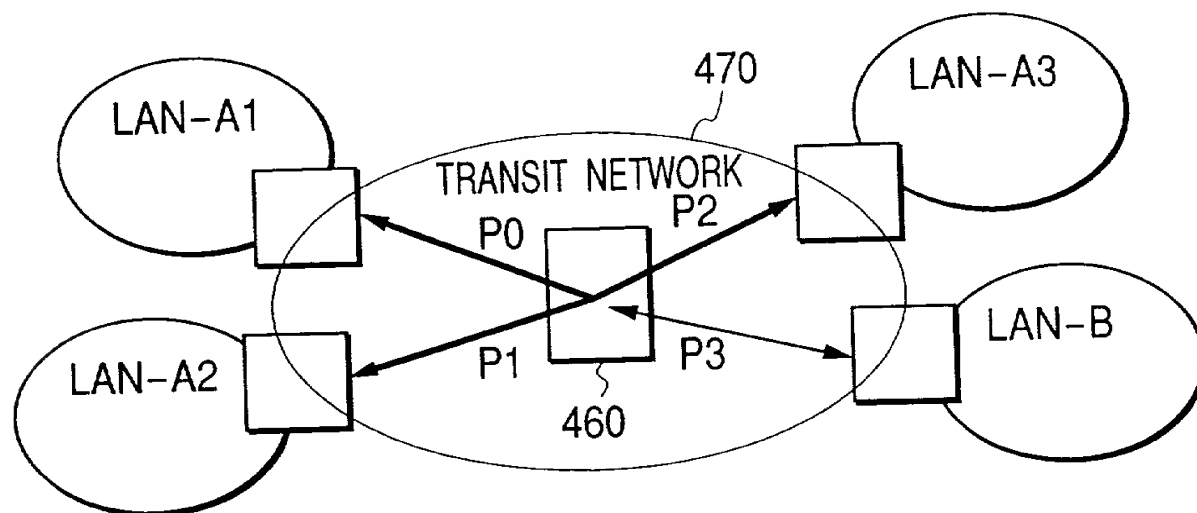


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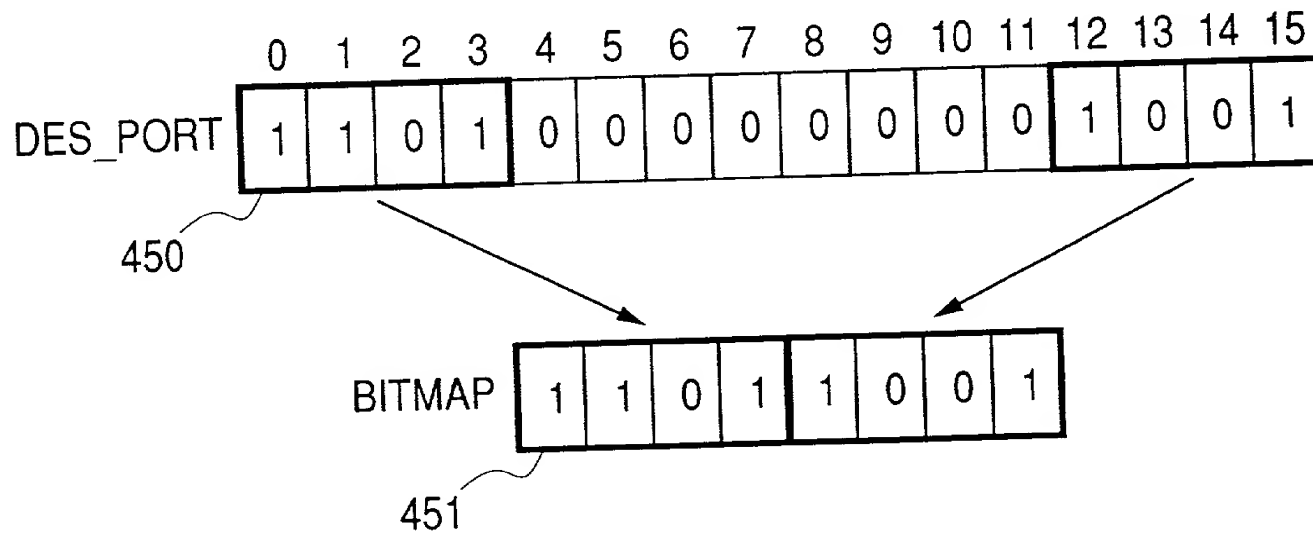
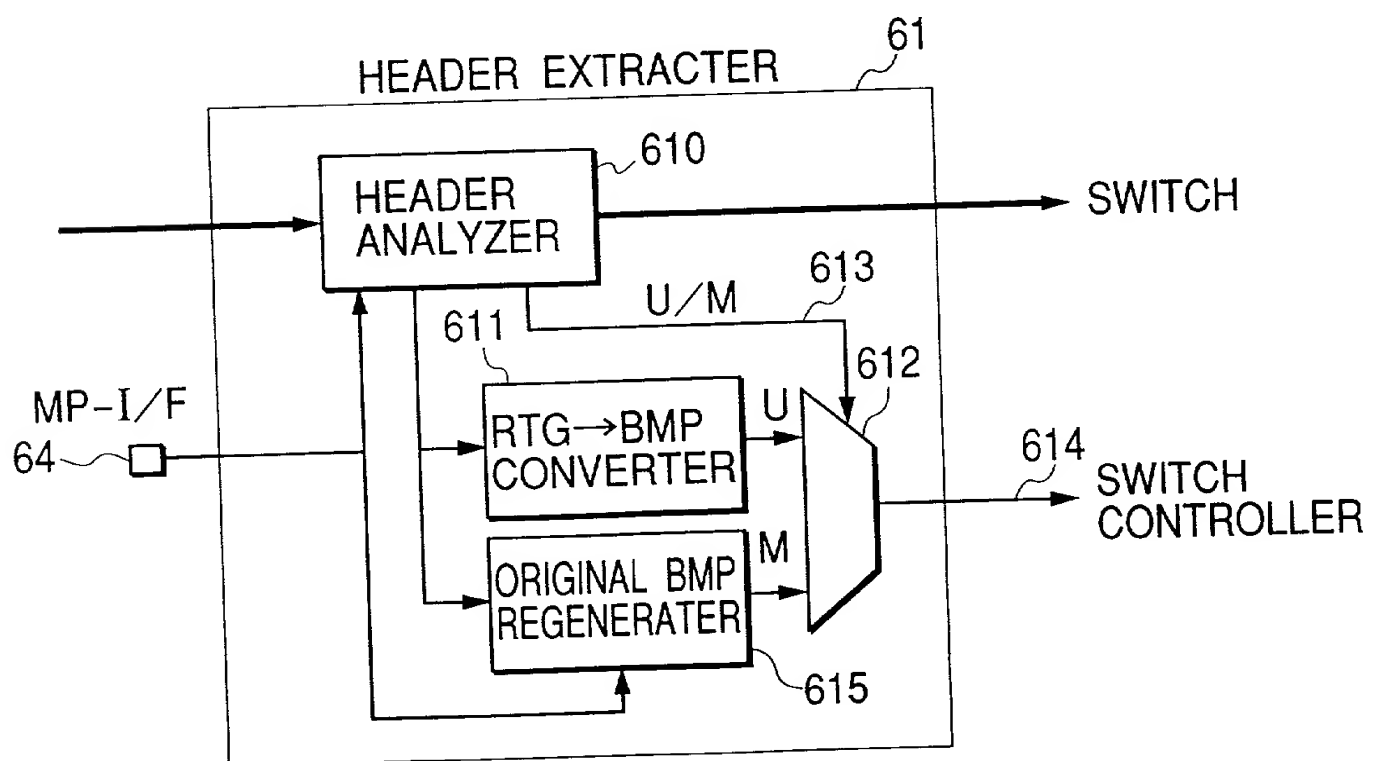
FIG. 15



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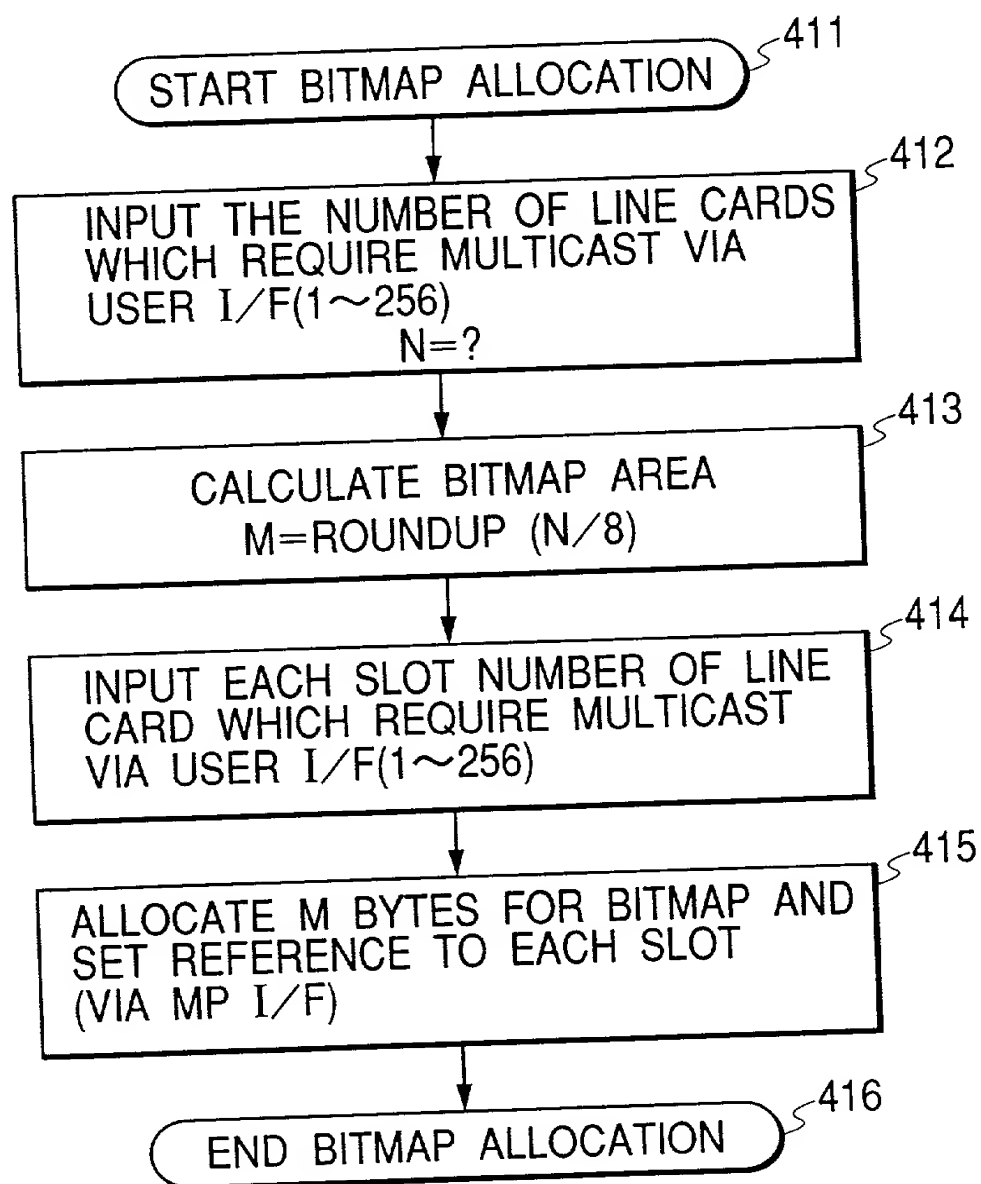
FIG. 16**FIG. 17**

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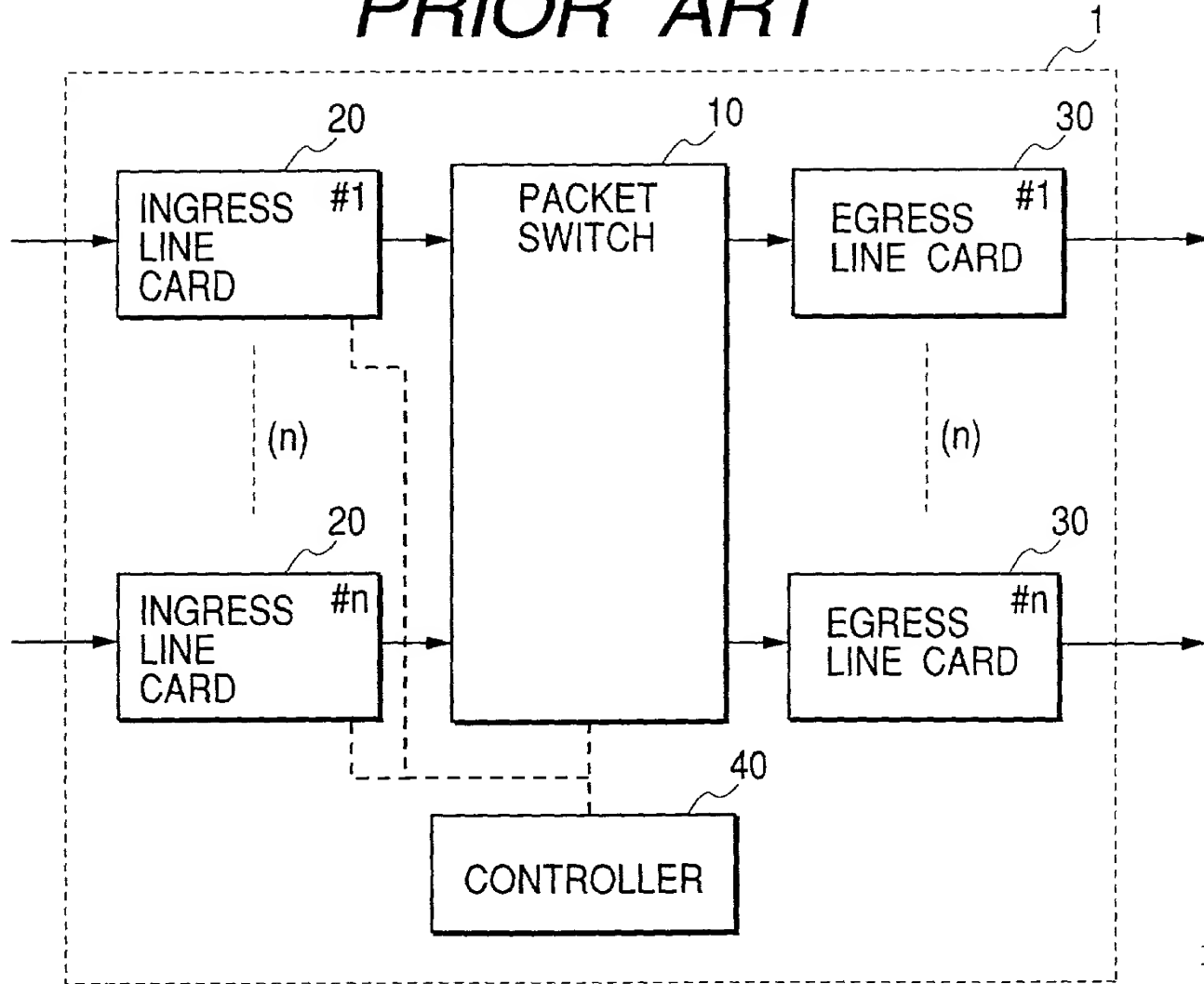
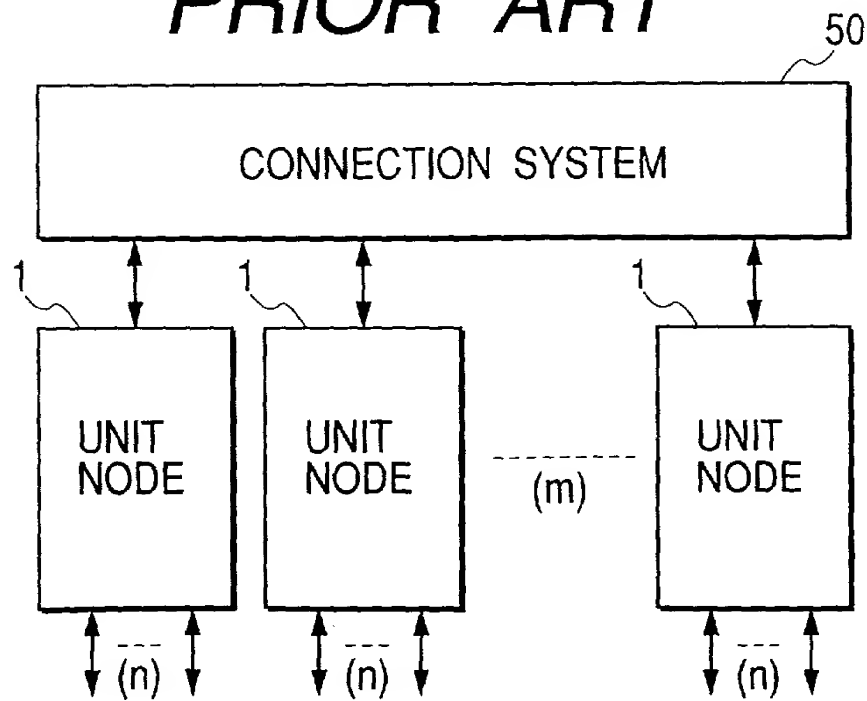
FIG. 18**FIG. 19**

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FIG. 20



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FIG. 21
PRIOR ART**FIG. 22**
PRIOR ART

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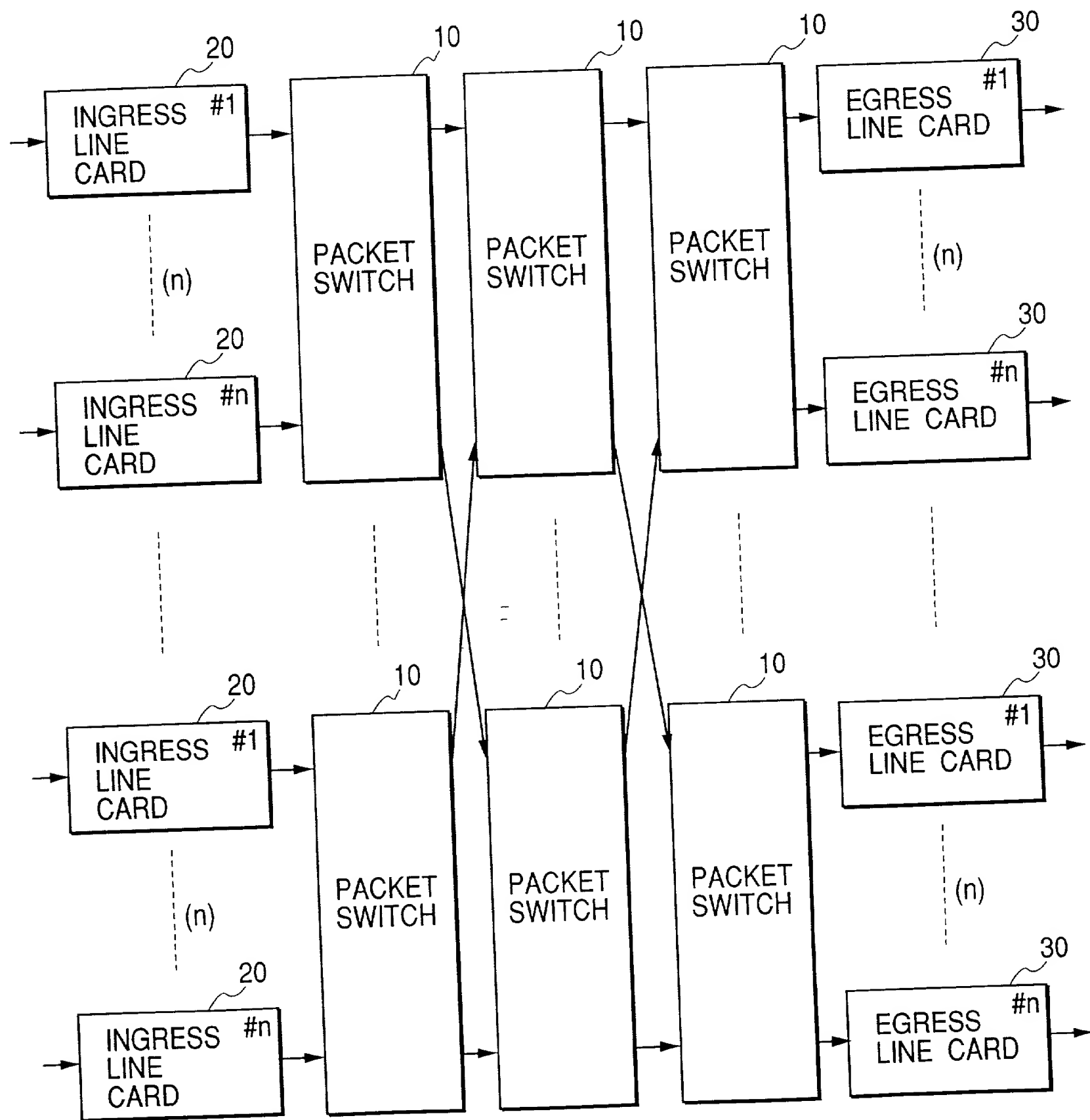
FIG. 23
PRIOR ART

FIG. 24
PRIOR ART

